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PATENT  
Atty. Docket No. 0630-1292P

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Sun Min KIM et al. Conf.: Unassigned  
Appl. No.: 10/028,686 Group: Unassigned  
Filed: December 28, 2001 Examiner: Unassigned  
For: CHARGE PUMP CIRCUIT IN SEMICONDUCTOR  
MEMORY DEVICE

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**LARGE ENTITY TRANSMITTAL FORM**

Assistant Commissioner for Patents  
Washington, DC 20231

**January 28, 2002**

Sir:

Transmitted herewith is a Preliminary Amendment in the above-identified application.

- ☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- ☐ The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	17	-	20	=	0	\$18	\$0.00
INDEPENDENT	2	-	3	=	0	\$84	\$0.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						\$280	\$0.00
						TOTAL	\$0.00

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- ☐ Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- ☒ No fee is required.
- ☐ Check(s) in the amount of \$0.00 is(are) enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

Joseph A. Kolasch, #22,463

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

*me*  
JAK/EHC:lmh

ATTACHMENT

#3  
Drafter  
3662  
JS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Sun Min KIM et al. Conf.: Unassigned  
Appl. No.: 10/028,686 Group: Unassigned  
Filed: December 28, 2001 Examiner: Unassigned

For: CHARGE PUMP CIRCUIT IN SEMICONDUCTOR MEMORY  
DEVICE

**DRAWING CHANGE APPROVAL REQUEST**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**January 28, 2002**

Sir:

Authorization is hereby requested to change Figures 1-4 as shown in red on the attached sheets. These drawing changes merely clarify the invention and do not add any new matter to the disclosure. Formal drawings will be filed upon receipt of a Notice of Allowance.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASH & BIRCH, LLP

By

Joseph A. Kolasch, #22,463

JAK/EHC:lmh

Attachment: 3 sheets of red ink drawings

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